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Atty Docket No. UOC-134A-111

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/268,437  
Filed: March 12, 1999  
Art Unit: 1641  
Examiner: G. Gabel  
Applicant: Ying Ding, Brian Halsall and William R. Heineman  
Title: **SIMULTANEOUS MULTIANALYTE ELECTROCHEMICAL  
ASSAY BASED ON SPATIAL RESOLUTION**

Cincinnati, Ohio 45202

December 19, 2002

Commissioner for Patents  
Washington, DC 20231

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated August 27, 2002 please amend the  
claims as follows:

IN THE CLAIMS**Rewrite Claim 1**

1. (Four Times Amended) A simultaneous electrochemical assay device comprising a cell for holding a sample, said cell having a surface having a plurality of analyte binding areas, each of said analyte binding areas having a different specific analyte binding substrate; and a plurality of working electrodes that quantitatively measure enzymatic reaction product, each working electrode adjacent to one analyte binding area

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